

	Ref #	Hits	Search Text
1	S1	21	abelson adj protein adj tyrosine adj kinase
2	S2	0	abelson adj protein adj tyrosine adj kinase and Crk adj "2"
3	S3	2	abelson adj protein adj tyrosine adj kinase and Crk
4	S4	43	CRK adj II
5	S5	11210552	fluorescein (s) tetramethylrhodamine
6	S6	2891	fluorescein and tetramethylrhodamine
7	S7	877	S6 and FRET
8	S8	1	("20060040319").PN.
9	S9	13957995	composition (s) functional adj peptide substrate (s) detectable adj substrate
10	S10	481	S9 and FRET adj pair
11	S11	1	S9 and FRET adj pair and detectable adj proximity adj sensor
12	S12	0	S9 and FRET adj pair and detectable adj sensor
13	S13	18	S9 and FRET adj pair and phosphorylated adj substrate
14	S14	85	S9 and FRET adj pair and fluorescein adj tetramethylrhodamine
15	S15	583	FRET and peptide adj substrate
16	S16	297	S15 and fluorophores
17	S17	200	S16 and enzyme and kinase
18	S18	3	S16 and (substrate adj donor) and (substrate adj acceptor)
19	S19	3	S15 and (substrate adj donor) and (substrate adj acceptor)
20	S20	1	("20060264606").PN.
21	S21	1	("5750497").PN.
22	S22	4	Kjeldsen-thomas.in.
23	S23	12	Kjeldsen-t.in.
24	S24	23	Kjeldsen-t-b.in.
25	S25	1	abelson adj protein adj tyrosine adj kinase and FRET
26	S26	13	abelson adj protein adj tyrosine adj kinase and fluorophore
27	S27	217	Crk and fluorophore
28	S29	2	Crk adj II and FRET
29	S28	15	Crk adj II and fluorophore
30	S30	1	("20060040319").PN.

	Ref #	Hits	Search Text
31	S31	1	("6403339").PN.
32	S32	1	"5723591".PN.
33	S33	1	"5747251".PN.
34	S34	2767	BODIPY
35	S35	52	S34 and FL adj fluorescein
36	S36	1	"4683195".PN.
37	S37	1	"4683202".PN.
38	S38	1	"5288514".PN.
39	S39	1	"5384261".PN.
40	S40	1	"5945526".PN.
41	S41	1	"6051380".PN.
42	S42	1	("4996143").PN.
43	S43	0	fluorescent adj probes adj polypeptides.
44	S44	4399	fluorescent adj probes and polypeptides
45	S45	113	FRET adj pair and S44
46	S46	1	("4971953").PN.
47	S47	4	((("5468731") or ("5834433") or ("5236898") or ("5789540"))).PN.
48	S48	0	FRET same phosphorylat? same unphosphorylat?
49	S49	0	FRET and (phosphorylat? same unphosphorylat?)
50	S50	21	FRET and (phosphorylat? same dephosphorylat?)
51	S51	4	FRET same (phosphorylat? same dephosphorylat?)
52	S52	1	muir-tom.in.
53	S53	2	muir-t.in.
54	S54	11	Cotton-graham.in.
55	S55	24	fluorescent adj probes and (phosphorylat? same dephosphorylat?)
56	S56	1166	edans and dabcyl
57	S57	136	(bodipy adj fluorescein) same (bodipy adj fluorescein)
58	S58	1109	edans same dabcyl
59	S59	892	phycoerythrin same CY5
60	S60	48	fluoresceine and tetramethylrhodamine
61	S61	11	(S57 or S58 or S59 or S60) and (phosphorylat? same dephosphorylat?)
62	S62	2	"20060040319"

	Ref #	Hits	Search Text
63	S63	137	(bodipy adj fluorescein) same (bodipy adj fluorescein)
64	S64	1112	edans same dabcyl
65	S65	892	phycoerythrin same CY5
66	S66	48	fluoresceine and tetramethylrhodamine
67	S68	11	(S63 or S64 or S65 or S66) and (phosphorylat? same dephosphorylat?) and kinase
68	S67	11	(S63 or S64 or S65 or S66) and (phosphorylat? same dephosphorylat?) and phosphatase
69	S69	11	(S63 or S64 or S65 or S66) and (phosphorylat? same dephosphorylat?) and phosphatase and kinase
70	S70	11	(S63 or S64 or S65 or S66) and (phosphorylat? same dephosphorylat?) and phosphatase and kinase and (transcription or (signal adj transduction))
71	S71	10	((("6291201") or ("5011910") or ("6376257") or ("6410255") or ("6165991") or ("6203994") or ("5795729") or ("9200388") or ("9116336") or ("9631625"))).PN.
72	S72	3	(phosphorylat? same dephosphorylat?) and (fluorescent adj amino adj acid)
73	S73	1	muir-tom.in.
74	S74	11	cotton-graham.in.
75	S75	1483	muir.in.
76	S76	2	muir-t.in.
77	S77	3	"6852906"
78	S78	4	"9929894"

FILE 'HOME' ENTERED AT 13:13:02 ON 05 JUL 2007  
ENTER COST CENTER (NONE):none

=> file .peptide  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

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=> s (phosphorylat and dephosphorylat) and phosphatase and kinase  
) IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s ((phosphorylat) and (dephosphorylat)) and phosphatase and kinase  
) IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s phosphorylat  
=> s FRET and kinase and phosphatase  
L1 109 FRET AND KINASE AND PHOSPHATASE

=> s l1 and ((fluorescein and tetramethylrhodamine) or (EDANS and DABCYL) or  
(phycoerthrin and CY5) or (Bodipy(w)fluoresceine and bodipy(w)fluorescein) or  
(IAEDANS and fluorescein) or (Pyrene and coumarin))  
L2 0 L1 AND ((FLUORESC EIN AND TETRAMETHYLRHODAMINE) OR (EDANS AND  
DABCYL) OR (PHYCOERHTRIN AND CY5) OR (BODIPY(W) FLUORESC EINE  
AND BODIPY(W) FLUORESC EIN) OR (IAEDANS AND FLUORESC EIN) OR (PYREN  
E AND COUMARIN))

=> s ((fluorescein and tetramethylrhodamine) or (EDANS and DABCYL) or  
(phycoerthrin and CY5) or (Bodipy(w)fluoresceine and bodipy(w)fluorescein) or  
(IAEDANS and fluorescein) or (Pyrene and coumarin))  
L3 2810 ((FLUORESC EIN AND TETRAMETHYLRHODAMINE) OR (EDANS AND DABCYL)  
OR (PHYCOERHTRIN AND CY5) OR (BODIPY(W) FLUORESC EINE AND BODIPY  
(W) FLUORESC EIN) OR (IAEDANS AND FLUORESC EIN) OR (PYRENE AND  
COUMARIN))

=> s l1 and (fluorescein and tetramethylrhodamine)  
L4 0 L1 AND (FLUORESC EIN AND TETRAMETHYLRHODAMINE)

=> d l1 95-109

L1 ANSWER 95 OF 109 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights  
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AN 2004530309 EMBASE  
 TI Single-cell **FRET** imaging of **phosphatase** activity in  
 the Escherichia coli chemotaxis system.  
 AU Vaknin A.; Berg H.C.  
 CS hberg@biosun.harvard.edu  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America, (7 Dec 2004) Vol. 101, No. 49, pp. 17072-17077. .  
 Refs: 28  
 ISSN: 0027-8424 CODEN: PNASA6  
 CY United States  
 DT Journal; Article  
 FS 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 30 Dec 2004  
 Last Updated on STN: 30 Dec 2004

L1 ANSWER 96 OF 109 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights  
 reserved on STN  
 AN 2004494759 EMBASE  
 TI Visualization of SHP-1-target interaction.  
 AU Biskup C.; Bohmer A.; Pusch R.; Kelbauskas L.; Gorshokov A.; Majoul I.;  
 Lindenau J.; Benndorf K.; Bohmer F.-D.  
 CS F.-D. Bohmer, Research Unit Molecular Cell Biology, Medical Faculty,  
 Friedrich Schiller University, Drackendorfer Str. 1, 07747 Jena, Germany.  
 i5frbo@rz.uni-jena.de  
 SO Journal of Cell Science, (1 Oct 2004) Vol. 117, No. 21, pp. 5165-5178. . .  
 Refs: 27  
 ISSN: 0021-9533 CODEN: JNCSAI  
 CY United Kingdom  
 DT Journal; Article  
 FS 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 2 Dec 2004  
 Last Updated on STN: 2 Dec 2004

L1 ANSWER 97 OF 109 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights  
 reserved on STN  
 AN 2004381497 EMBASE  
 TI Cytokinesis monitoring during development: Rapid pole-to-pole shuttling of  
 a signaling protein by localized **kinase** and **phosphatase**  
 in Caulobacter.  
 AU Matroule J.-Y.; Lam H.; Burnette D.T.; Jacobs-Wagner C.  
 CS C. Jacobs-Wagner, Department of Molecular, Cellular, Devmtl. Biol., Yale  
 Univ., P.O. B., New Haven, CT, United States. christine.jacobs-  
 wagner@yale.edu  
 SO Cell, (3 Sep 2004) Vol. 118, No. 5, pp. 579-590. .  
 Refs: 40  
 ISSN: 0092-8674 CODEN: CELLB5  
 PUI S 0092-8674(04)00795-0  
 CY United States  
 DT Journal; Article  
 FS 004 Microbiology  
 LA English  
 SL English  
 ED Entered STN: 24 Sep 2004  
 Last Updated on STN: 24 Sep 2004

L1 ANSWER 98 OF 109 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights  
 reserved on STN  
 AN 2004073363 EMBASE  
 TI Molecular interactions at the T cell-antigen-presenting cell interface.  
 AU Gascoigne N.R.J.; Zal T.

CS N.R.J. Gascoigne, Department of Immunology, Scripps Research Institute,  
10550 North Torrey Pines Road, San Diego, CA 92037, United States.  
gascoigne@scripps.edu

SO Current Opinion in Immunology, (1 Feb 2004) Vol. 16, No. 1, pp. 114-119. .  
Refs: 51  
ISSN: 0952-7915 CODEN: COPIEL

CY United Kingdom

DT Journal; General Review

FS 026 Immunology, Serology and Transplantation  
029 Clinical Biochemistry

LA English

SL English

ED Entered STN: 4 Mar 2004  
Last Updated on STN: 4 Mar 2004

  

L1 ANSWER 99 OF 109 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights  
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AN 2003287316 EMBASE

TI Functional proteomics of G-protein-coupled receptors: Analysis of  
large-scale signaling devices.

AU Doronin S.; Malbon C.C.

CS Dr. S. Doronin, Department of Pharmacology, School of Medicine, SUNY/Stony  
Brook, Stony Brook, NY 11794, United States. craig@pharm.sunysb.edu

SO Pharmaceutical News, (2002) Vol. 9, No. 5, pp. 347-355. .  
Refs: 19  
ISSN: 1071-894X CODEN: PHNEEP

CY United Kingdom

DT Journal; General Review

FS 030 Pharmacology  
037 Drug Literature Index

LA English

SL English

ED Entered STN: 31 Jul 2003  
Last Updated on STN: 31 Jul 2003

  

L1 ANSWER 100 OF 109 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights  
reserved on STN

AN 2003241295 EMBASE

TI A genetically encoded fluorescent reporter reveals oscillatory  
phosphorylation by protein *kinase* C.

AU Violin J.D.; Zhang J.; Tsien R.Y.; Newton A.C.

CS A.C. Newton, 9500 Gilman Dr., San Diego, CA 92093-0640, United States.  
anewton@ucsd.edu

SO Journal of Cell Biology, (9 Jun 2003) Vol. 161, No. 5, pp. 899-909. .  
Refs: 52  
ISSN: 0021-9525 CODEN: JCLBA3

CY United States

DT Journal; Article

FS 029 Clinical Biochemistry

LA English

SL English

ED Entered STN: 3 Jul 2003  
Last Updated on STN: 3 Jul 2003

  

L1 ANSWER 101 OF 109 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights  
reserved on STN

AN 2003094713 EMBASE

TI Nonradioactive methods for the assay of phosphoinositide 3-*kinases*  
and phosphoinositide *phosphatases* and selective detection of  
signaling lipids in cell and tissue extracts.

AU Gray A.; Olsson H.; Batty I.H.; Priganica L.; Downes C.P.

CS A. Gray, Div. of Signal Transduction Therapy, MSI/WTB Complex, University  
of Dundee, Dow Street, Dundee DD1 5EH, United Kingdom.  
a.z.gray@dundee.ac.uk

SO Analytical Biochemistry, (15 Feb 2003) Vol. 313, No. 2, pp. 234-245. .  
 Refs: 30  
 ISSN: 0003-2697 CODEN: ANBCA2  
 CY United States  
 DT Journal; Article  
 FS 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 13 Mar 2003  
 Last Updated on STN: 13 Mar 2003

L1 ANSWER 102 OF 109 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 2003033834 EMBASE  
 TI Imaging *kinase*-AKAP79-*phosphatase* scaffold complexes at the plasma membrane in living cells using *FRET* microscopy.  
 AU Oliveria S.F.; Gomez L.L.; Dell'Acqua M.L.  
 CS mark.dellacqua@uchsc.edu  
 SO Journal of Cell Biology, (6 Jan 2003) Vol. 160, No. 1, pp. 101-112. .  
 Refs: 42  
 ISSN: 0021-9525 CODEN: JCLBA3  
 CY United States  
 DT Journal; Article  
 FS 014 Radiology  
 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 30 Jan 2003  
 Last Updated on STN: 30 Jan 2003

L1 ANSWER 103 OF 109 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 2002371781 EMBASE  
 TI Lipid rafts: Cell surface platforms for T cell signaling.  
 AU Magee T.; Pirinen N.; Adler J.; Pagakis S.N.; Parmryd I.  
 CS T. Magee, Imperial College Fac. of Medicine, London SW7 2AZ, United Kingdom  
 SO Biological Research, (2002) Vol. 35, No. 2, pp. 127-131. .  
 Refs: 18  
 ISSN: 0716-9760 CODEN: BESEEB  
 CY Chile  
 DT Journal; Article  
 FS 026 Immunology, Serology and Transplantation  
 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 7 Nov 2002  
 Last Updated on STN: 7 Nov 2002

L1 ANSWER 104 OF 109 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 2002090780 EMBASE  
 TI Imaging sites of receptor dephosphorylation by PTP1B on the surface of the endoplasmic reticulum.  
 AU Haj F.G.; Verveer P.J.; Squire A.; Neel B.G.; Bastiaens P.I.H.  
 CS B.G. Neel, Cancer Biology Program, Division of Hematology-Oncology, Department of Medicine, Boston, MA 02115, United States.  
 bneel@caregroup.harvard.edu  
 SO Science, (1 Mar 2002) Vol. 295, No. 5560, pp. 1708-1711. .  
 Refs: 30  
 ISSN: 0036-8075 CODEN: SCIEAS  
 CY United States  
 DT Journal; Article  
 FS 029 Clinical Biochemistry

LA English  
SL English  
ED Entered STN: 21 Mar 2002  
Last Updated on STN: 21 Mar 2002

L1 ANSWER 105 OF 109 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
AN 2002003680 EMBASE  
TI Genetically encoded fluorescent reporters of protein tyrosine *kinase* activities in living cells.  
AU Ting A.Y.; Kain K.H.; Klemke R.L.; Tsien R.Y.  
CS R.Y. Tsien, Department of Pharmacology, Howard Hughes Medical Institute, University of California, 9500 Gilman Drive, San Diego, CA 92093-0647, United States. rtsien@ucsd.edu  
SO Proceedings of the National Academy of Sciences of the United States of America, (18 Dec 2001) Vol. 98, No. 26, pp. 15003-15008. .  
Refs: 29  
ISSN: 0027-8424 CODEN: PNASA6  
CY United States  
DT Journal; Article  
FS 029 Clinical Biochemistry  
LA English  
SL English  
ED Entered STN: 17 Jan 2002  
Last Updated on STN: 17 Jan 2002

L1 ANSWER 106 OF 109 TOXCENTER COPYRIGHT 2007 ACS on STN  
AN 2006:120821 TOXCENTER  
CP Copyright (c) 2005 Wiley-Liss, Inc.  
DN PubMed ID: 16155941  
TI Single cell analysis of PKC activation during proliferation and apoptosis induced by laser irradiation  
AU Gao Xuejuan; Chen Tongsheng; Xing Da; Wang Fang; Pei Yihui; Wei Xunbin  
CS Institute of Laser Life Science, South China Normal University, Guangzhou, China, and Wellman Laboratories of Photomedicine, Massachusetts General Hospital, Harvard Medical School, Boston, USA  
SO Journal of cellular physiology, (2006 Feb) Vol. 206, No. 2, pp. 441-8.  
Journal code: 0050222. ISSN: 0021-9541.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
FS MEDLINE  
OS MEDLINE 2005645520  
LA English  
ED Entered STN: 14 Mar 2006  
Last Updated on STN: 14 Mar 2006

L1 ANSWER 107 OF 109 TOXCENTER COPYRIGHT 2007 ACS on STN  
AN 2005:222151 TOXCENTER  
DN PubMed ID: 15722423  
TI Identification of plasma membrane macro- and microdomains from wavelet analysis of *FRET* microscopy  
AU Kobrinsky Evgeny; Mager Donald E; Bentil Sarah A; Murata Shin-Ichi; Abernethy Darrell R; Soldatov Nikolai M  
CS National Institute on Aging, National Institutes of Health, Baltimore, Maryland, USA  
SO Biophysical journal, (2005 May) Vol. 88, No. 5, pp. 3625-34. Electronic Publication: 2005-02-18.  
Journal code: 0370626. ISSN: 0006-3495.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
FS MEDLINE  
OS MEDLINE 2005219371



LA English  
 ED Entered STN: 23 Aug 2005  
 Last Updated on STN: 23 Aug 2005  
  
 L1 ANSWER 108 OF 109 TOXCENTER COPYRIGHT 2007 ACS on STN  
 AN 2004:107508 TOXCENTER  
 CP Copyright 2007 ACS  
 DN CA14021333534V  
 TI Detection systems using a conformationally sensitive nucleic acid probe  
 for signal transduction  
 AU Chun, Keun Ho; Hwang, Hyun Jin  
 CS ASSIGNEE: Ahram Biosystems Inc.  
 PI WO 2004033476 A1 22 Apr 2004  
 SO (2004) PCT Int. Appl., 286 pp.  
 CODEN: PIXXD2.  
 CY KOREA, REPUBLIC OF  
 DT Patent  
 FS CAPLUS  
 OS CAPLUS 2004:333733  
 LA English  
 ED Entered STN: 11 May 2004  
 Last Updated on STN: 16 Jan 2007  
  
 L1 ANSWER 109 OF 109 TOXCENTER COPYRIGHT 2007 ACS on STN  
 AN 2003:56706 TOXCENTER  
 CP Copyright 2007 ACS  
 DN CA13813182010B  
 TI Nucleic acid sensor molecules comprising target modulation domains and  
 catalytic domains with an optical signal generating unit  
 AU Stanton, Martin; Epstein, David; Hamaguchi, Nobuko; Kurz, Markus; Keefe,  
 Tony; Wilson, Charles; Grate, Dilara; Marshall, Kristin A.; McCauley,  
 Thomas; Kurz, Jeffrey  
 CS ASSIGNEE: Archemix Corp.  
 PI WO 2003014375 A2 20 Feb 2003  
 SO (2003) PCT Int. Appl., 424 pp.  
 CODEN: PIXXD2.  
 CY UNITED STATES  
 DT Patent  
 FS CAPLUS  
 OS CAPLUS 2003:133482  
 LA English  
 ED Entered STN: 11 Mar 2003  
 Last Updated on STN: 9 Jan 2007

=> s 11 and polypeptide

L5 4 L1 AND POLYPEPTIDE

=> d 15

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:978582 CAPLUS  
 DN 138:68915  
 TI Assay for protein-modifying enzymes using tagged binding partner  
 polypeptides and applications to drug screening  
 IN Craig, Roger  
 PA UK  
 SO U.S. Pat. Appl. Publ., 44 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI US 2002197606 A1 20021226 US 2001-770102 20010125  
 US 7060506 B2 20060613  
 PRAI US 2000-179283P P 20000131  
 RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 15 2-4

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:906545 CAPLUS  
 DN 138:12486  
 TI Use of fluorescent proteins as reagents to determine *kinase* and  
*phosphatase* activity  
 IN Tsien, Roger Y.; Ting, Alice Y.; Zhang, Jin  
 PA Regents of the University of California, USA  
 SO PCT Int. Appl., 75 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002095058	A2	20021128	WO 2002-US16955	20020524
	WO 2002095058	A9	20031113		
	WO 2002095058	A3	20040708		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				
	PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,				
	UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,				
	GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,				
	GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003186229	A1	20031002	US 2001-865291	20010524
	US 6900304	B2	20050531		
	CA 2447799	A1	20021128	CA 2002-2447799	20020524
	AU 2002312149	A1	20021203	AU 2002-312149	20020524
	EP 1456372	A2	20040915	EP 2002-739505	20020524
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, FI, CY, TR				
	JP 2005501525	T	20050120	JP 2002-592517	20020524
PRAI	US 2001-865291	A	20010524		
	US 1996-594575	A2	19960131		
	US 1997-792553	A1	19970131		
	US 1999-396003	B2	19990913		
	WO 2002-US16955	W	20020524		

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2001:380758 CAPLUS  
 DN 135:2208  
 TI Assay for measuring a protein-modifying enzyme activity in vivo in a  
 transgenic multicellular organism  
 IN Craig, Roger Kingdon; Green, Simon; Colyer, John  
 PA Cyclacel Limited, UK  
 SO PCT Int. Appl., 81 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2001036617 A2 20010525 WO 2000-GB4348 20001115  
 WO 2001036617 A3 20020502  
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,  
 YU, ZA, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 AU 2001014022 A5 20010530 AU 2001-14022 20001115  
 EP 1232255 A2 20020821 EP 2000-976136 20001115  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 US 2003079235 A1 20030424 US 2002-147354 20020516  
 US 6852906 B2 20050208  
 PRAI GB 1999-27331 A 19991118  
 WO 2000-GB4348 W 20001115

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2000:609013 CAPLUS  
 DN 133:205085  
 TI High throughput assay for protein modification  
 IN Colyer, John; Craig, Roger Kingdon; Maschio, Antonio; Mezna, Mokdad  
 PA Fluorescence Limited, UK  
 SO PCT Int. Appl., 128 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000050902	A2	20000831	WO 2000-GB669	20000225
	WO 2000050902	A3	20001214		
	W:		AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW		
	RW:		GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	US 2003032054	A1	20030213	US 1999-259658	19990226
	US 7166475	B2	20070123		
	EP 1163526	A2	20011219	EP 2000-906474	20000225
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI		
PRAI	GB 1999-4398	A	19990225		
	WO 2000-GB669	W	20000225		

=> s 11 and peptide(w)substrate  
 L6 5 L1 AND PEPTIDE(W) SUBSTRATE

=> d 16 1-5

L6 ANSWER 1 OF 5 MEDLINE on STN  
 AN 2004193626 MEDLINE  
 DN PubMed ID: 15090152  
 TI A FRET-based assay platform for ultra-high density drug  
 screening of protein **kinases** and **phosphatases**.  
 AU Rodems Steven M; Hamman Brian D; Lin Christina; Zhao Jane; Shah Sundeep;  
 Heidary David; Makings Lew; Stack Jeffrey H; Pollok Brian A

CS Aurora Biosciences Corp, and Vertex Pharmaceuticals, Inc, San Diego, CA, USA.  
 SO Assay and drug development technologies, (2002 Nov) Vol. 1, No. 1 Pt 1, pp. 9-19.  
 Journal code: 101151468. ISSN: 1540-658X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200405  
 ED Entered STN: 20 Apr 2004  
 Last Updated on STN: 20 May 2004  
 Entered Medline: 19 May 2004

L6 ANSWER 2 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2003:234199 BIOSIS  
 DN PREV200300234199  
 TI A **FRET**-based assay platform for ultra-high density drug screening of protein **kinases** and **phosphatases**.  
 AU Rodems, Steven M.; Hamman, Brian D.; Lin, Christina; Zhao, Jane; Shah, Sundeeep; Heidary, David; Makings, Lew; Stack, Jeffrey H. [Reprint Author]; Pollok, Brian A.  
 CS Vertex Pharmaceuticals, Inc., 11010 Torreyana Road, San Diego, CA, 92121, USA  
 SO ASSAY and Drug Development Technologies, (November 2002) Vol. 1, No. 1, pp. 9-19. print.  
 ISSN: 1540-658X (ISSN print).  
 DT Article  
 LA English  
 ED Entered STN: 14 May 2003  
 Last Updated on STN: 14 May 2003

L6 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2007:136479 CAPLUS  
 DN 146:158194  
 TI Three part **FRET**-based assay for **kinase** or **phosphatase** activity using **peptide substrate**  
 IN Enderle, Thilo; Roth, Doris  
 PA Germany  
 SO U.S. Pat. Appl. Publ., 19pp.  
 CODEN: USXXCO

DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007009978	A1	20070111	US 2006-490341	20060720
	WO 2007016975	A1	20070215	WO 2005-EP53720	20050729
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	EP 1748079	A1	20070131	EP 2006-117450	20060719
	R:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				

CA 2552986	A1	20070129	CA 2006-2552986	20060720
CN 1904061	A	20070131	CN 2006-10108937	20060728
SG 129428	A1	20070226	SG 2006-5093	20060728
JP 2007037546	A	20070215	JP 2006-207285	20060731
PRAI WO 2005-EP53720	A	20050729		
EP 2005-107192	A	20050804		

L6 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2004:430935 CAPLUS  
DN 141:18691  
TI Genetically encoded fusion protein fluorescent reporters of *kinase*  
, methyltransferase, and acetyltransferase activities in cells and tissues  
IN Ting, Alice Y.  
PA Massachusetts Institute of Technology, USA  
SO PCT Int. Appl., 96 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004044168	A2	20040527	WO 2003-US36059	20031112
	WO 2004044168	A8	20040722		
	WO 2004044168	A3	20041021		
	W: CA, JP				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	US 2004265906	A1	20041230	US 2003-634740	20030805
	US 7056683	B2	20060606		
PRAI	US 2002-425578P	P	20021112		
	US 2003-634740	A	20030805		

L6 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2002:903036 CAPLUS  
DN 138:362059  
TI A **FRET**-based assay platform for ultra-high density drug  
screening of protein *kinases* and *phosphatases*  
AU Rodems, Steven M.; Hamman, Brian D.; Lin, Christina; Zhao, Jane; Shah,  
Sundeep; Heidary, David; Makings, Lew; Stack, Jeffrey H.; Pollok, Brian A.  
CS Aurora Biosciences Corp., San Diego, CA, USA  
SO Assay and Drug Development Technologies (2002), 1(1-1), 9-19  
CODEN: ADDTAR; ISSN: 1540-658X  
PB Mary Ann Liebert, Inc.  
DT Journal  
LA English  
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l1 and peptide  
L7 24 L1 AND PEPTIDE

=> d 17 1-24

L7 ANSWER 1 OF 24 MEDLINE on STN  
AN 2004488365 MEDLINE  
DN PubMed ID: 15456853  
TI Visualization of SHP-1-target interaction.  
AU Biskup Christoph; Bohmer Annette; Pusch Rico; Kelbauskas Laimonas;  
Gorshokov Alexander; Majoul Irina; Lindenau Jorg; Benndorf Klaus; Bohmer  
Frank-D  
CS Institute of Physiology II, Medical Faculty, Friedrich Schiller  
University, Drackendorfer Str. 1, 07747 Jena, Germany.  
SO Journal of cell science, (2004 Oct 1) Vol. 117, No. Pt 21, pp. 5165-78.

Journal code: 0052457. ISSN: 0021-9533.

CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200504  
ED Entered STN: 1 Oct 2004  
Last Updated on STN: 26 Apr 2005  
Entered Medline: 25 Apr 2005

L7 ANSWER 2 OF 24 MEDLINE on STN  
AN 2004193626 MEDLINE  
DN PubMed ID: 15090152

TI A **FRET**-based assay platform for ultra-high density drug  
screening of protein *kinases* and *phosphatases*.  
AU Rodems Steven M; Hamman Brian D; Lin Christina; Zhao Jane; Shah Sundeep;  
Heidary David; Makings Lew; Stack Jeffrey H; Pollok Brian A  
CS Aurora Biosciences Corp, and Vertex Pharmaceuticals, Inc, San Diego, CA,  
USA.

SO Assay and drug development technologies, (2002 Nov) Vol. 1, No. 1 Pt 1,  
pp. 9-19.

Journal code: 101151468. ISSN: 1540-658X.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200405  
ED Entered STN: 20 Apr 2004  
Last Updated on STN: 20 May 2004  
Entered Medline: 19 May 2004

L7 ANSWER 3 OF 24 MEDLINE on STN  
AN 2004066692 MEDLINE  
DN PubMed ID: 14734119

TI Molecular interactions at the T cell-antigen-presenting cell interface.  
AU Gascoigne Nicholas R J; Zal Tomasz  
CS Department of Immunology, The Scripps Research Institute, 10550 North  
Torrey Pines Road, La Jolla, CA 92037, USA.. gascoigne@scripps.edu

SO Current opinion in immunology, (2004 Feb) Vol. 16, No. 1, pp. 114-9. Ref:  
51

Journal code: 8900118. ISSN: 0952-7915.

CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
General Review; (REVIEW)  
LA English  
FS Priority Journals  
EM 200408  
ED Entered STN: 11 Feb 2004  
Last Updated on STN: 21 Aug 2004  
Entered Medline: 20 Aug 2004

L7 ANSWER 4 OF 24 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
AN 2006:345687 BIOSIS  
DN PREV200600344819

TI Visualization of protein *kinase* C activity in live cells in  
response to natural stimulation of endogenous receptors.

AU Gallegos, Lisa Leon [Reprint Author]; Newton, Alexandra C.  
CS Univ Calif San Diego, La Jolla, CA 92093 USA

SO FASEB Journal, (MAR 6 2006) Vol. 20, No. 4, Part 1, pp. A497.  
Meeting Info.: Experimental Biology 2006 Meeting. San Francisco, CA, USA.  
April 01 -05, 2006. Amer Assoc Anatomists; Amer Physiol Soc; Amer Soc  
Biochem & Mol Biol; Amer Soc Investigat Pathol; Amer Soc Nutr; Amer Soc

Pharmacol & Expt Therapeut.  
CODEN: FAJOEC. ISSN: 0892-6638.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 12 Jul 2006  
Last Updated on STN: 12 Jul 2006

L7 ANSWER 5 OF 24 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
AN 2003:234199 BIOSIS  
DN PREV200300234199  
TI A **FRET**-based assay platform for ultra-high density drug  
screening of protein **kinases** and **phosphatases**.  
AU Rodems, Steven M.; Hamman, Brian D.; Lin, Christina; Zhao, Jane; Shah,  
Sundee; Heidary, David; Makings, Lew; Stack, Jeffrey H. [Reprint Author];  
Pollok, Brian A.  
CS Vertex Pharmaceuticals, Inc., 11010 Torreyana Road, San Diego, CA, 92121,  
USA  
SO ASSAY and Drug Development Technologies, (November 2002) Vol. 1, No. 1,  
pp. 9-19. print.  
ISSN: 1540-658X (ISSN print).  
DT Article  
LA English  
ED Entered STN: 14 May 2003  
Last Updated on STN: 14 May 2003

L7 ANSWER 6 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2007:136479 CAPLUS  
DN 146:158194  
TI Three part **FRET**-based assay for **kinase** or  
**phosphatase** activity using **peptide** substrate  
IN Enderle, Thilo; Roth, Doris  
PA Germany  
SO U.S. Pat. Appl. Publ., 19pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007009978	A1	20070111	US 2006-490341	20060720
	WO 2007016975	A1	20070215	WO 2005-EP53720	20050729
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,				
	LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,				
	NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,				
	SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,				
	ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,				
	CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,				
	GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM				
	EP 1748079	A1	20070131	EP 2006-117450	20060719
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,				
	BA, HR, MK, YU				
	CA 2552986	A1	20070129	CA 2006-2552986	20060720
	CN 1904061	A	20070131	CN 2006-10108937	20060728
	SG 129428	A1	20070226	SG 2006-5093	20060728
	JP 2007037546	A	20070215	JP 2006-207285	20060731
PRAI	WO 2005-EP53720	A	20050729		
	EP 2005-107192	A	20050804		

L7 ANSWER 7 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2005:134616 CAPLUS  
 DN 142:313883  
 TI Spatio-temporal Dynamics of Protein **Kinase** B/Akt Signaling  
 Revealed by a Genetically Encoded Fluorescent Reporter  
 AU Kunkel, Maya T.; Ni, Qiang; Tsien, Roger Y.; Zhang, Jin; Newton, Alexandra  
 C.  
 CS Department of Pharmacology, University of California at San Diego, La  
 Jolla, CA, 92093-0721, USA  
 SO Journal of Biological Chemistry (2005), 280(7), 5581-5587  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PB American Society for Biochemistry and Molecular Biology  
 DT Journal  
 LA English  
 RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 8 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2005:99000 CAPLUS  
 DN 142:193980  
 TI Use of chimeric fluorescent proteins as reagents to determine  
**kinase** and **phosphatase** activity  
 IN Violin, Jonathan D.; Newton, Alexandra C.; Tsien, Roger Y.; Zhang, Jin  
 PA USA  
 SO U.S. Pat. Appl. Publ., 68 pp., Cont.-in-part of U.S. Ser. No. 865,291.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005026234	A1	20050203	US 2004-857622	20040528
	US 6803188	B1	20041012	US 1996-594575	19960131
	US 5981200	A	19991109	US 1997-792553	19970131
	US 2003186229	A1	20031002	US 2001-865291	20010524
	US 6900304	B2	20050531		
	WO 2005116267	A2	20051208	WO 2005-US18662	20050526
	WO 2005116267	A3	20061123		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1996-594575	A2	19960131		
	US 1997-792553	A1	19970131		
	US 1999-396003	B2	19990913		
	US 2001-865291	A2	20010524		
	US 2004-857622	A	20040528		

L7 ANSWER 9 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2004:430935 CAPLUS  
 DN 141:18691  
 TI Genetically encoded fusion protein fluorescent reporters of **kinase**  
 , methyltransferase, and acetyltransferase activities in cells and tissues  
 IN Ting, Alice Y.  
 PA Massachusetts Institute of Technology, USA



SO PCT Int. Appl., 96 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004044168	A2	20040527	WO 2003-US36059	20031112
	WO 2004044168	A8	20040722		
	WO 2004044168	A3	20041021		
	W: CA, JP				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	US 2004265906	A1	20041230	US 2003-634740	20030805
	US 7056683	B2	20060606		
PRAI	US 2002-425578P	P	20021112		
	US 2003-634740	A	20030805		

L7 ANSWER 10 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:333733 CAPLUS

DN 140:333534

TI Detection systems using a conformationally sensitive nucleic acid probe for signal transduction

IN Chun, Keun Ho; Hwang, Hyun Jin

PA Ahram Biosystems Inc., S. Korea

SO PCT Int. Appl., 286 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004033476	A1	20040422	WO 2003-KR2101	20031011
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003269522	A1	20040504	AU 2003-269522	20031011
	EP 1558626	A1	20050803	EP 2003-751517	20031011
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2006513701	T	20060427	JP 2004-542913	20031011
PRAI	US 2002-417864P	P	20021011		
	WO 2003-KR2101	W	20031011		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 11 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:777228 CAPLUS

DN 139:288165

TI Fluorogenic assay substrates for protein *kinases* that exhibit phosphorylation-dependent fluorescence resonant energy transfer

IN Tsien, Roger Y.; Ting, Alice Y.; Zhang, Jin

PA The Regents of The University of California, USA

SO U.S. Pat. Appl. Publ., 47 pp., Cont.-in-part of U.S. Ser. No. 396,003, abandoned.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003186229	A1	20031002	US 2001-865291	20010524
	US 6900304	B2	20050531		
	US 6803188	B1	20041012	US 1996-594575	19960131
	US 5981200	A	19991109	US 1997-792553	19970131
	CA 2447799	A1	20021128	CA 2002-2447799	20020524
	WO 2002095058	A2	20021128	WO 2002-US16955	20020524
	WO 2002095058	A9	20031113		
	WO 2002095058	A3	20040708		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002312149	A1	20021203	AU 2002-312149	20020524
	EP 1456372	A2	20040915	EP 2002-739505	20020524
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	JP 2005501525	T	20050120	JP 2002-592517	20020524
	US 2005026234	A1	20050203	US 2004-857622	20040528
PRAI	US 1996-594575	A2	19960131		
	US 1997-792553	A1	19970131		
	US 1999-396003	B2	19990913		
	US 2001-865291	A	20010524		
	WO 2002-US16955	W	20020524		

RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 12 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:571013 CAPLUS

DN 139:143993

TI Conformation-specific protein *kinase*-binding *peptides*,  
and related methods and products

IN Ashraf, Syed Salman; Ballas, Lawrence Michael; Hamilton, Paul T.

PA Karo Bio AB, Swed.

SO PCT Int. Appl., 121 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003059943	A2	20030724	WO 2003-EP343	20030115
	WO 2003059943	A3	20040311		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003205605	A1	20030730	AU 2003-205605	20030115
PRAI	US 2002-349250P	P	20020118		

WO 2003-EP343 W 20030115  
OS MARPAT 139:143993

L7 ANSWER 13 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2003:133562 CAPLUS  
DN 138:183490  
TI Biological assay detection method for reaction product inducers such as enzymes using complex forming labeled modular domain and biotinylated ligand  
IN Inglese, James; Ferrer, Marc; Hamilton, Aaron C.  
PA Merck & Co., Inc., USA  
SO PCT Int. Appl., 28 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003014698	A2	20030220	WO 2002-US24469	20020802
	WO 2003014698	A3	20040212		
	W: CA, JP, US				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR				
	CA 2456590	A1	20030220	CA 2002-2456590	20020802
	EP 1442296	A2	20040804	EP 2002-768394	20020802
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR, BG, CZ, EE, SK				
	JP 2005502334	T	20050127	JP 2003-519382	20020802
	US 2005164311	A1	20050728	US 2003-484859	20020802
PRAI	US 2001-310599P	P	20010807		
	WO 2002-US24469	W	20020802		
OS	MARPAT 138:183490				

L7 ANSWER 14 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2003:133482 CAPLUS  
DN 138:182010  
TI Nucleic acid sensor molecules comprising target modulation domains and catalytic domains with an optical signal generating unit  
IN Stanton, Martin; Epstein, David; Hamaguchi, Nobuko; Kurz, Markus; Keefe, Tony; Wilson, Charles; Grate, Dilara; Marshall, Kristin A.; McCauley, Thomas; Kurz, Jeffrey  
PA Archemix Corp., USA  
SO PCT Int. Appl., 424 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003014375	A2	20030220	WO 2002-US25319	20020809
	WO 2003014375	A3	20031016		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003087239	A1	20030508	US 2001-952680	20010913
	AU 2002355571	A1	20030224	AU 2002-355571	20020809
PRAI	US 2001-311378P	P	20010809		

US 2001-313932P	P	20010821
US 2001-952680	A2	20010913
US 2001-338186P	P	20011113
US 2002-349959P	P	20020118
US 2002-364486P	P	20020313
US 2002-367991P	P	20020325
US 2002-369887P	P	20020404
US 2002-376744P	P	20020501
US 2002-385097P	P	20020531
US 2000-232454P	P	20000913
WO 2002-US25319	W	20020809

L7 ANSWER 15 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:978582 CAPLUS  
 DN 138:68915  
 TI Assay for protein-modifying enzymes using tagged binding partner  
 polypeptides and applications to drug screening  
 IN Craig, Roger  
 PA UK  
 SO U.S. Pat. Appl. Publ., 44 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002197606	A1	20021226	US 2001-770102	20010125
	US 7060506	B2	20060613		
PRAI	US 2000-179283P	P	20000131		

RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 16 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:944541 CAPLUS  
 DN 138:21729  
 TI Synthetic sensor **peptide** for **kinase** or  
**phosphatase** assays  
 IN Bastiaens, Philippe Igor  
 PA Europaeisches Laboratorium Fuer Molekularbiologie (Embl), Germany  
 SO Eur. Pat. Appl., 12 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1264897	A2	20021211	EP 2001-115483	20010627
	EP 1264897	A3	20031112		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO	2002102834	A2	20021227	WO 2002-EP6224	20020606
WO	2002102834	A3	20031120		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU	2002328808	A1	20030102	AU 2002-328808	20020606
EP	1392851	A2	20040303	EP 2002-764580	20020606

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

PRAI EP 2001-113815 A 20010606  
EP 2001-115483 A 20010627  
WO 2002-EP6224 W 20020606

L7 ANSWER 17 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2002:903036 CAPLUS

DN 138:362059

TI A **FRET**-based assay platform for ultra-high density drug  
screening of protein **kinases** and **phosphatases**

AU Rodems, Steven M.; Hamman, Brian D.; Lin, Christina; Zhao, Jane; Shah,  
Sundeep; Heidary, David; Makings, Lew; Stack, Jeffrey H.; Pollok, Brian A.

CS Aurora Biosciences Corp., San Diego, CA, USA

SO Assay and Drug Development Technologies (2002), 1(1-1), 9-19

CODEN: ADDTAR; ISSN: 1540-658X

PB Mary Ann Liebert, Inc.

DT Journal

LA English

RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 18 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2002:9393 CAPLUS

DN 136:382027

TI Genetically encoded fluorescent reporters of protein tyrosine  
**kinase** activities in living cells

AU Ting, Alice Y.; Kain, Kristin H.; Klemke, Richard L.; Tsien, Roger Y.

CS Department of Pharmacology, University of California at San Diego, La  
Jolla, CA, 92093, USA

SO Proceedings of the National Academy of Sciences of the United States of  
America (2001), 98(26), 15003-15008

CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal

LA English

RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 19 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2001:924029 CAPLUS

DN 136:50266

TI Method for cyclic nucleotide-dependent protein **kinases** and VASP  
**phosphatases** determination using **FRET** and for disease  
diagnosis

IN Drueckes, Peter; Jarchau, Thomas; Walter, Ulrich; Bader, Benjamin

PA Vasopharm Biotech G.m.b.H., Germany

SO PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001096594	A2	20011220	WO 2001-EP6621	20010612
	WO 2001096594	A3	20020516		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				

BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 DE 10029210 A1 20020131 DE 2000-10029210 20000614  
 EP 1294926 A2 20030326 EP 2001-938257 20010612  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 US 2003166005 A1 20030904 US 2003-311093 20030401  
 PRAI DE 2000-10029210 A 20000614  
 WO 2001-EP6621 W 20010612

L7 ANSWER 20 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2000:609013 CAPLUS  
 DN 133:205085  
 TI High throughput assay for protein modification  
 IN Colyer, John; Craig, Roger Kingdon; Maschio, Antonio; Mezna, Mokdad  
 PA Fluorescence Limited, UK  
 SO PCT Int. Appl., 128 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2000050902	A2	20000831	WO 2000-GB669	20000225	
	WO 2000050902	A3	20001214			
	W:			AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW		
	RW:			GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	US 2003032054	A1	20030213	US 1999-259658	19990226	
	US 7166475	B2	20070123			
	EP 1163526	A2	20011219	EP 2000-906474	20000225	
	R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI		
PRAI	GB 1999-4398	A	19990225			
	WO 2000-GB669	W	20000225			

L7 ANSWER 21 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2000:608937 CAPLUS  
 DN 133:204737  
 TI Compositions and methods for monitoring the modification of natural binding partners and enzyme activity  
 IN Colyer, John; Craig, Roger Kingdon  
 PA Fluorescence Limited, UK  
 SO PCT Int. Appl., 128 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2000050631	A2	20000831	WO 2000-GB666	20000225	
	WO 2000050631	A3	20001207			
	W:			AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW		
	RW:			GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		

US 6465199	B1	20021015	US 1999-259478	19990226
US 2003082827	A1	20030501	US 2000-511776	20000224
US 6972198	B2	20051206		
CA 2365042	A1	20000831	CA 2000-2365042	20000225
EP 1163363	A2	20011219	EP 2000-906471	20000225
EP 1163363	B1	20060719		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY				
JP 2002538088	T	20021112	JP 2000-601194	20000225
AT 333513	T	20060815	AT 2000-906471	20000225
PRAI GB 1999-4392	A	19990225		
GB 1999-4393	A	19990225		
US 1999-258452	A2	19990226		
WO 2000-GB666	W	20000225		

L7 ANSWER 22 OF 24 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1999:388323 CAPLUS

DN 131:16101

TI Fluorescence-based high throughput screening immunoassays for protein  
*kinases and phosphatases*

IN Epps, Dennis E.; Marschke, Charles K.

PA Pharmacia & Upjohn Company, USA

SO PCT Int. Appl., 58 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9929894	A1	19990617	WO 1998-US25196	19981202
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2306686	A1	19990617	CA 1998-2306686	19981202
	AU 9917034	A	19990628	AU 1999-17034	19981202
	AU 738194	B2	20010913		
	EP 1036192	A1	20000920	EP 1998-961797	19981202
	EP 1036192	B1	20030226		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	US 6203994	B1	20010320	US 1998-204335	19981202
	JP 2001526380	T	20011218	JP 2000-524465	19981202
	AT 233325	T	20030315	AT 1998-961797	19981202
	ES 2192801	T3	20031016	ES 1998-961797	19981202
	US 2001044117	A1	20011122	US 2000-731428	20001206
	US 6630311	B2	20031007		
	US 2003235865	A1	20031225	US 2003-600815	20030620
	US 6818413	B2	20041116		
PRAI	US 1997-67833P	P	19971205		
	US 1998-204335	A3	19981202		
	WO 1998-US25196	W	19981202		
	US 2000-731428	A3	20001206		

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 23 OF 24 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights  
reserved on STN

AN 2002371781 EMBASE

TI Lipid rafts: Cell surface platforms for T cell signaling.

AU Magee T.; Pirinen N.; Adler J.; Pagakis S.N.; Parmryd I.  
 CS T. Magee, Imperial College Fac. of Medicine, London SW7 2AZ, United Kingdom  
 SO Biological Research, (2002) Vol. 35, No. 2, pp. 127-131. .  
 Refs: 18  
 ISSN: 0716-9760 CODEN: BESEEB  
 CY Chile  
 DT Journal; Article  
 FS 026 Immunology, Serology and Transplantation  
 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 7 Nov 2002  
 Last Updated on STN: 7 Nov 2002

L7 ANSWER 24 OF 24 TOXCENTER COPYRIGHT 2007 ACS on STN  
 AN 2003:56706 TOXCENTER  
 CP Copyright 2007 ACS  
 DN CA13813182010B  
 TI Nucleic acid sensor molecules comprising target modulation domains and catalytic domains with an optical signal generating unit  
 AU Stanton, Martin; Epstein, David; Hamaguchi, Nobuko; Kurz, Markus; Keefe, Tony; Wilson, Charles; Grate, Dilara; Marshall, Kristin A.; McCauley, Thomas; Kurz, Jeffrey  
 CS ASSIGNEE: Archemix Corp.  
 PI WO 2003014375 A2 20 Feb 2003  
 SO (2003) PCT Int. Appl., 424 pp.  
 CODEN: PIXXD2.  
 CY UNITED STATES  
 DT Patent  
 FS CAPLUS  
 OS CAPLUS 2003:133482  
 LA English  
 ED Entered STN: 11 Mar 2003  
 Last Updated on STN: 9 Jan 2007

=> d his

(FILE 'HOME' ENTERED AT 13:13:02 ON 05 JUL 2007)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, TOXCENTER' ENTERED AT 13:13:20 ON 05 JUL 2007

L1 109 S FRET AND KINASE AND PHOSPHATASE  
 L2 0 S L1 AND ((FLUORESCCEIN AND TETRAMETHYLRHODAMINE) OR (EDANS AND  
 L3 2810 S ((FLUORESCCEIN AND TETRAMETHYLRHODAMINE) OR (EDANS AND DABCYL)  
 L4 0 S L1 AND (FLUORESCCEIN AND TETRAMETHYLRHODAMINE)  
 L5 4 S L1 AND POLYPEPTIDE  
 L6 5 S L1 AND PEPTIDE(W) SUBSTRATE  
 L7 24 S L1 AND PEPTIDE

=> s ((fluorescence(w)resonance(w)energy(w)transfer) or FRET) and kinase and phosphatase

L8 220 ((FLUORESCENCE(W) RESONANCE(W) ENERGY(W) TRANSFER) OR FRET) AND KINASE AND PHOSPHATASE

=> s l8 and polypeptide

L9 15 L8 AND POLYPEPTIDE

=> s l8 and peptide(w)substrate

L10 14 L8 AND PEPTIDE(W) SUBSTRATE

=> s l8 and peptide

L11 58 L8 AND PEPTIDE



=> d 111 1-58

L11 ANSWER 1 OF 58 MEDLINE on STN  
AN 2006124137 MEDLINE  
DN PubMed ID: 16510716  
TI cAMP-dependent protein *kinase* postsynaptic localization regulated by NMDA receptor activation through translocation of an A-*kinase* anchoring protein scaffold protein.  
AU Smith Karen E; Gibson Emily S; Dell'Acqua Mark L  
CS Department of Pharmacology, University of Colorado at Denver, Health Sciences Center, Aurora, Colorado 80045, USA.  
SO The Journal of neuroscience : the official journal of the Society for Neuroscience, (2006 Mar 1) Vol. 26, No. 9, pp. 2391-402.  
Journal code: 8102140. E-ISSN: 1529-2401.  
CY United States  
DT (COMPARATIVE STUDY)  
(IN VITRO)  
Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200604  
ED Entered STN: 3 Mar 2006  
Last Updated on STN: 12 Apr 2006  
Entered Medline: 11 Apr 2006

L11 ANSWER 2 OF 58 MEDLINE on STN  
AN 2005565966 MEDLINE  
DN PubMed ID: 16115889  
TI SPARC regulates extracellular matrix organization through its modulation of integrin-linked *kinase* activity.  
AU Barker Thomas H; Baneyx Gretchen; Cardo-Vila Marina; Workman Gail A; Weaver Matt; Menon Priya M; Dedhar Shoukat; Rempel Sandra A; Arap Wadih; Pasqualini Renata; Vogel Viola; Sage E Helene  
CS Hope Heart Program, Benaroya Research Institute at Virginia Mason, Seattle, Washington 98101, USA.  
NC CA 086997 (NCI)  
EY13180 (NEI)  
GM40711 (NIGMS)  
SO The Journal of biological chemistry, (2005 Oct 28) Vol. 280, No. 43, pp. 36483-93. Electronic Publication: 2005-08-22.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, N.I.H., EXTRAMURAL)  
(RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
LA English  
FS Priority Journals  
EM 200601  
ED Entered STN: 25 Oct 2005  
Last Updated on STN: 5 Jan 2006  
Entered Medline: 4 Jan 2006

L11 ANSWER 3 OF 58 MEDLINE on STN  
AN 2004488365 MEDLINE  
DN PubMed ID: 15456853  
TI Visualization of SHP-1-target interaction.  
AU Biskup Christoph; Bohmer Annette; Pusch Rico; Kelbauskas Laimonas; Gorshokov Alexander; Majoul Irina; Lindenau Jorg; Benndorf Klaus; Bohmer Frank-D  
CS Institute of Physiology II, Medical Faculty, Friedrich Schiller University, Drackendorfer Str. 1, 07747 Jena, Germany.  
SO Journal of cell science, (2004 Oct 1) Vol. 117, No. Pt 21, pp. 5165-78.

Journal code: 0052457. ISSN: 0021-9533.

CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200504  
ED Entered STN: 1 Oct 2004  
Last Updated on STN: 26 Apr 2005  
Entered Medline: 25 Apr 2005

L11 ANSWER 4 OF 58 MEDLINE on STN

AN 2004193626 MEDLINE

DN PubMed ID: 15090152

TI A **FRET**-based assay platform for ultra-high density drug screening of protein **kinases** and **phosphatases**.

AU Rodems Steven M; Hamman Brian D; Lin Christina; Zhao Jane; Shah Sundeep; Heidary David; Makings Lew; Stack Jeffrey H; Pollok Brian A

CS Aurora Biosciences Corp, and Vertex Pharmaceuticals, Inc, San Diego, CA, USA.

SO Assay and drug development technologies, (2002 Nov) Vol. 1, No. 1 Pt 1, pp. 9-19.

Journal code: 101151468. ISSN: 1540-658X.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200405

ED Entered STN: 20 Apr 2004

Last Updated on STN: 20 May 2004

Entered Medline: 19 May 2004

L11 ANSWER 5 OF 58 MEDLINE on STN

AN 2004066692 MEDLINE

DN PubMed ID: 14734119

TI Molecular interactions at the T cell-antigen-presenting cell interface.

AU Gascoigne Nicholas R J; Zal Tomasz

CS Department of Immunology, The Scripps Research Institute, 10550 North Torrey Pines Road, La Jolla, CA 92037, USA.. gascoigne@scripps.edu

SO Current opinion in immunology, (2004 Feb) Vol. 16, No. 1, pp. 114-9. Ref: 51

Journal code: 8900118. ISSN: 0952-7915.

CY England: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)

General Review; (REVIEW)

LA English

FS Priority Journals

EM 200408

ED Entered STN: 11 Feb 2004

Last Updated on STN: 21 Aug 2004

Entered Medline: 20 Aug 2004

L11 ANSWER 6 OF 58 MEDLINE on STN

AN 2003268271 MEDLINE

DN PubMed ID: 12794140

TI Spontaneous clustering and tyrosine phosphorylation of NK cell inhibitory receptor induced by ligand binding.

AU Faure Mathias; Barber Domingo F; Takahashi Stephenie M; Jin Tian; Long Eric O

CS Laboratory of Immunogenetics, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, MD 20852, USA.

SO Journal of immunology (Baltimore, Md. : 1950), (2003 Jun 15) Vol. 170, No. 12, pp. 6107-14.

Journal code: 2985117R. ISSN: 0022-1767.

CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Abridged Index Medicus Journals; Priority Journals  
 EM 200309  
 ED Entered STN: 10 Jun 2003  
 Last Updated on STN: 9 Sep 2003  
 Entered Medline: 8 Sep 2003

L11 ANSWER 7 OF 58 MEDLINE on STN  
 AN 2002004442 MEDLINE  
 DN PubMed ID: 11752448  
 TI Genetically encoded reporters of protein *kinase* A activity reveal impact of substrate tethering.  
 AU Zhang J; Ma Y; Taylor S S; Tsien R Y  
 CS Department of Pharmacology, University of California at San Diego, 9500 Gilman Drive, La Jolla, CA 92093, USA.  
 NC DK54441 (NIDDK)  
 GM62114 (NIGMS)  
 NS27177 (NINDS)  
 SO Proceedings of the National Academy of Sciences of the United States of America, (2001 Dec 18) Vol. 98, No. 26, pp. 14997-5002.  
 Journal code: 7505876. ISSN: 0027-8424.

CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
 LA English  
 FS Priority Journals  
 OS GENBANK-AF440230  
 EM 200201  
 ED Entered STN: 2 Jan 2002  
 Last Updated on STN: 25 Jan 2002  
 Entered Medline: 22 Jan 2002

L11 ANSWER 8 OF 58 MEDLINE on STN  
 AN 2001336398 MEDLINE  
 DN PubMed ID: 11404183  
 TI Alterations in interprotein interactions between translation initiation factors assessed by *fluorescence resonance energy transfer*.  
 AU Kimball S R; Horetsky R L  
 CS Department of Cellular and Molecular Physiology, The Pennsylvania State University, College of Medicine, P.O. Box 850, Hershey, PA 17033, USA.. skimball@psu.edu  
 NC DK-15658 (NIDDK)  
 SO The international journal of biochemistry & cell biology, (2001 Aug) Vol. 33, No. 8, pp. 797-806.  
 Journal code: 9508482. ISSN: 1357-2725.

CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 (RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
 LA English  
 FS Priority Journals  
 EM 200108  
 ED Entered STN: 27 Aug 2001  
 Last Updated on STN: 20 Apr 2002  
 Entered Medline: 23 Aug 2001

L11 ANSWER 9 OF 58 MEDLINE on STN  
 AN 95015886 MEDLINE  
 DN PubMed ID: 7523512  
 TI CD7 is associated with CD3 and CD45 on human T cells.

AU Lazarovits A I; Osman N; Le Feuvre C E; Ley S C; Crumpton M J  
CS Cell Surface Biochemistry Laboratory, Imperial Cancer Research Fund,  
London, UK.  
SO Journal of immunology (Baltimore, Md. : 1950), (1994 Nov 1) Vol. 153, No.  
9, pp. 3956-66.  
Journal code: 2985117R. ISSN: 0022-1767.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 199411  
ED Entered STN: 22 Dec 1994  
Last Updated on STN: 3 Feb 1997  
Entered Medline: 23 Nov 1994

L11 ANSWER 10 OF 58 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 2006:345687 BIOSIS  
DN PREV200600344819  
TI Visualization of protein *kinase* C activity in live cells in  
response to natural stimulation of endogenous receptors.  
AU Gallegos, Lisa Leon [Reprint Author]; Newton, Alexandra C.  
CS Univ Calif San Diego, La Jolla, CA 92093 USA  
SO FASEB Journal, (MAR 6 2006) Vol. 20, No. 4, Part 1, pp. A497.  
Meeting Info.: Experimental Biology 2006 Meeting. San Francisco, CA, USA.  
April 01 -05, 2006. Amer Assoc Anatomists; Amer Physiol Soc; Amer Soc  
Biochem & Mol Biol; Amer Soc Investigat Pathol; Amer Soc Nutr; Amer Soc  
Pharmacol & Expt Therapeut.  
CODEN: FAJOEC. ISSN: 0892-6638.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 12 Jul 2006  
Last Updated on STN: 12 Jul 2006

L11 ANSWER 11 OF 58 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 2004:419454 BIOSIS  
DN PREV200400420879  
TI Development and validation of a fluorescence technology for both primary  
and secondary screening of *kinases* that facilitates compound  
selectivity and site-specific inhibitor determination.  
AU Morgan, Aric G.; McCauley, Timothy J.; Stanaitis, Michael L.;  
Mathrubutham, Mahesh; Millis, Sherri Z. [Reprint Author]  
CS Res and DevDrug Discovery Syst, Pierce Biotechnol, 3747 N Meridian Rd,  
Rockford, IL, 61101, USA  
Sherri.Millis@perbio.com  
SO ASSAY and Drug Development Technologies, (April 2004) Vol. 2, No. 2, pp.  
171-181. print.  
ISSN: 1540-658X (ISSN print).  
DT Article  
LA English  
ED Entered STN: 3 Nov 2004  
Last Updated on STN: 3 Nov 2004

L11 ANSWER 12 OF 58 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 2003:393836 BIOSIS  
DN PREV200300393836  
TI Spontaneous clustering and tyrosine phosphorylation of NK cell inhibitory  
receptor induced by ligand binding.  
AU Faure, Mathias; Barber, Domingo F.; Takahashi, Stephenie M.; Jin, Tian;  
Long, Eric O. [Reprint Author]

CS Laboratory of Immunogenetics, National Institute of Allergy and Infectious Diseases, National Institutes of Health, 12441 Parklawn Drive, Bethesda, MD, 20852, USA  
elongo@nih.gov

SO Journal of Immunology, (June 15 2003) Vol. 170, No. 12, pp. 6107-6114. print.  
ISSN: 0022-1767 (ISSN print).

DT Article

LA English

ED Entered STN: 27 Aug 2003  
Last Updated on STN: 27 Aug 2003

L11 ANSWER 13 OF 58 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2003:234199 BIOSIS

DN PREV200300234199

TI A *FRET*-based assay platform for ultra-high density drug screening of protein *kinases* and *phosphatases*.

AU Rodems, Steven M.; Hamman, Brian D.; Lin, Christina; Zhao, Jane; Shah, Sundeep; Heidary, David; Makings, Lew; Stack, Jeffrey H. [Reprint Author]; Pollok, Brian A.

CS Vertex Pharmaceuticals, Inc., 11010 Torreyana Road, San Diego, CA, 92121, USA

SO ASSAY and Drug Development Technologies, (November 2002) Vol. 1, No. 1, pp. 9-19. print.  
ISSN: 1540-658X (ISSN print).

DT Article

LA English

ED Entered STN: 14 May 2003  
Last Updated on STN: 14 May 2003

L11 ANSWER 14 OF 58 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2002:99785 BIOSIS

DN PREV200200099785

TI Genetically encoded reporters of protein *kinase* A activity reveal impact of substrate tethering.

AU Zhang, Jin; Ma, Yuliang; Taylor, Susan S.; Tsien, Roger Y. [Reprint author]

CS University of California at San Diego, 9500 Gilman Drive, 310 CMM-W 0647, La Jolla, CA, 92093-0647, USA  
rtsien@ucsd.edu

SO Proceedings of the National Academy of Sciences of the United States of America, (December 18, 2001) Vol. 98, No. 26, pp. 14997-15002. print.  
CODEN: PNASA6. ISSN: 0027-8424.

DT Article

LA English

ED Entered STN: 24 Jan 2002  
Last Updated on STN: 25 Feb 2002

L11 ANSWER 15 OF 58 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1994:546543 BIOSIS

DN PREV199598006091

TI CD7 Is Associated with CD3 and CD45 on Human T Cells.

AU Lazarovits, Andrew I. [Reprint author]; Osman, Narin; Le Feuvre, Catherine E.; Ley, Steven C.; Crumpton, Michael J.

CS Univ. Hosp. 4TU46, 339 Windermere Rd., London, ON N6A 5A5, Canada

SO Journal of Immunology, (1994) Vol. 153, No. 9, pp. 3956-3966.  
CODEN: JOIMA3. ISSN: 0022-1767.

DT Article

LA English

ED Entered STN: 22 Dec 1994  
Last Updated on STN: 22 Dec 1994

L11 ANSWER 16 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2007:286971 CAPLUS  
 DN 146:353630  
 TI **Kinase** and **phosphatase** assays using fluorescently  
 labeled protease-cleavable **peptide** substrates, and  
 high-throughput screening applications  
 IN Klink, Tony A.; Beebe, Jane A.; Lasky, David A.; Kleman-Leyer, Karen M.;  
 Somberg, Richard  
 PA Invitrogen Corporation, USA  
 SO U.S. Pat. Appl. Publ., 85pp., Cont.-in-part of U.S. Ser. No. 937,042.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007059787	A1	20070315	US 2006-485957	20060714
	US 2005054573	A1	20050310	US 2004-903529	20040729
	US 2005170442	A1	20050804	US 2004-937042	20040909
PRAI	US 2003-490771P	P	20030729		
	US 2004-903529	A2	20040729		
	US 2004-937042	A2	20040909		
	US 2005-699174P	P	20050714		
	US 2003-502377P	P	20030912		

L11 ANSWER 17 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2007:136479 CAPLUS  
 DN 146:158194  
 TI Three part **FRET**-based assay for **kinase** or  
**phosphatase** activity using **peptide** substrate  
 IN Enderle, Thilo; Roth, Doris  
 PA Germany  
 SO U.S. Pat. Appl. Publ., 19pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2007009978	A1	20070111	US 2006-490341	20060720
	WO 2007016975	A1	20070215	WO 2005-EP53720	20050729
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	EP 1748079	A1	20070131	EP 2006-117450	20060719
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
	CA 2552986	A1	20070129	CA 2006-2552986	20060720
	CN 1904061	A	20070131	CN 2006-10108937	20060728
	SG 129428	A1	20070226	SG 2006-5093	20060728
	JP 2007037546	A	20070215	JP 2006-207285	20060731
PRAI	WO 2005-EP53720	A	20050729		
	EP 2005-107192	A	20050804		

L11 ANSWER 18 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:61819 CAPLUS

DN 146:158771

TI Optical imaging contrast agents

IN Johannesen, Edvin Wilhelm M.

PA GE Healthcare AS, Norway

SO PCT Int. Appl., 45pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007008080	A2	20070118	WO 2006-NO264	20060710
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
PRAI	NO 2005-3354	A	20050711		

L11 ANSWER 19 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:513522 CAPLUS

DN 145:21119

TI Harnessing network biology to improve drug discovery

IN Macdonald, Marnie L.; Westwick, John K.; Keon, Brigitte; Lamerdin, Jane; Michnick, Stephen W.

PA Odyssey Thera, Inc., USA

SO PCT Int. Appl., 115 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006058014	A2	20060601	WO 2005-US42344	20051122
	WO 2006058014	A3	20070426		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
	US 2006160109	A1	20060720	US 2005-282745	20051121
PRAI	US 2004-629558P	P	20041122		
	US 2005-282745	A	20051121		

L11 ANSWER 20 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:170467 CAPLUS

DN 144:227466

TI Non-invasive prenatal genetic diagnosis or gender determination using  
transcervically obtained trophoblasts  
IN Fejgin, Moshe D.; Amiel, Aliza; Liberman, Meytal  
PA Israel  
SO U.S. Pat. Appl. Publ., 78 pp., Cont.-in-part of U.S. Ser. No. 88,882.  
CODEN: USXXCO

DT Patent  
LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006040305	A1	20060223	US 2005-206139	20050818
	US 2004197832	A1	20041007	US 2003-405698	20030403
	WO 2004087863	A2	20041014	WO 2004-IL304	20040401
	WO 2004087863	A3	20041202		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2005003351	A1	20050106	US 2004-921899	20040820
	US 2005181429	A1	20050818	US 2005-88882	20050325
PRAI	US 2003-405698	A1	20030403		
	WO 2004-IL304	A2	20040401		
	US 2004-921899	A2	20040820		
	US 2005-88882	A2	20050325		

L11 ANSWER 21 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2006:147288 CAPLUS

DN 144:228831

TI Methods for the detection of molecular interactions within cells involving luminescence or fluorescence

IN Taylor, D. Lansing; Giuliano, Kenneth A.

PA Cellumen, Inc., USA

SO PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006017751	A2	20060216	WO 2005-US27919	20050802
	WO 2006017751	A3	20070104		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	EP 1774330	A2	20070418	EP 2005-778448	20050802
	R:				
	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,				



BA, HR, MK, YU  
 PRAI US 2004-598177P P 20040802  
 WO 2005-US27919 W 20050802

L11 ANSWER 22 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2005:824457 CAPLUS  
 DN 143:223625  
 TI Non-invasive prenatal genetic diagnosis using transcervical cells  
 IN Fejgin, Moshe D.; Amiel, Aliza; Liberman, Meytal  
 PA Monaliza Medical Ltd., Israel  
 SO U.S. Pat. Appl. Publ., 69 pp., Cont.-in-part of U.S. Ser. No. 921,899.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 4

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2005181429	A1	20050818	US 2005-88882	20050325
US 2004197832	A1	20041007	US 2003-405698	20030403
WO 2004087863	A2	20041014	WO 2004-IL304	20040401
WO 2004087863	A3	20041202		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005003351	A1	20050106	US 2004-921899	20040820
US 2006040305	A1	20060223	US 2005-206139	20050818
WO 2006018849	A2	20060223	WO 2005-IL901	20050818
WO 2006018849	A3	20060413		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI US 2003-405698	B1	20030403		
WO 2004-IL304	A2	20040401		
US 2004-921899	A2	20040820		
US 2005-88882	A2	20050325		

L11 ANSWER 23 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2005:182826 CAPLUS  
 DN 142:275992  
 TI Circularly permuted fluorescent protein fusion with **kinase** substrate domain and phosphorylation recognition domain as single color fluorescent indicators of protein phosphorylation  
 IN Umezawa, Yoshio; Sato, Moritoshi; Kawai, Yasutoshi  
 PA Japan Science and Technology Agency, Japan  
 SO PCT Int. Appl., 92 pp.  
 CODEN: PIXXD2  
 DT Patent

LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005019447	A1	20050303	WO 2004-JP12608	20040825
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI JP 2003-301259 A 20030826

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 24 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2005:134616 CAPLUS  
DN 142:313883  
TI Spatio-temporal Dynamics of Protein *Kinase* B/Akt Signaling Revealed by a Genetically Encoded Fluorescent Reporter  
AU Kunkel, Maya T.; Ni, Qiang; Tsien, Roger Y.; Zhang, Jin; Newton, Alexandra C.  
CS Department of Pharmacology, University of California at San Diego, La Jolla, CA, 92093-0721, USA  
SO Journal of Biological Chemistry (2005), 280(7), 5581-5587  
CODEN: JBCHA3; ISSN: 0021-9258  
PB American Society for Biochemistry and Molecular Biology  
DT Journal  
LA English

RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 25 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2005:120952 CAPLUS  
DN 142:214269  
TI *Kinase* and *phosphatase* assays using labeled protease-cleavable *kinase/phosphatase* substrates  
IN Werner, Elizabeth A.; Klink, Tony A.; Beebe, Jane A.; Lasky, David A.; Kleman-Leyer, Karen M.; Somberg, Richard  
PA Invitrogen Corporation, USA  
SO PCT Int. Appl., 136 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005012329	A2	20050210	WO 2004-US24359	20040729
	WO 2005012329	A3	20050929		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,			

SN, TD, TG

CA 2445420	A1	20050129	CA 2003-2445420	20031031
EP 1664332	A2	20060607	EP 2004-779423	20040729
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
JP 2007500710	T	20070118	JP 2006-522034	20040729
PRAI US 2003-490771P	P	20030729		
WO 2004-US24359	W	20040729		

L11 ANSWER 26 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2005:99000 CAPLUS  
 DN 142:193980  
 TI Use of chimeric fluorescent proteins as reagents to determine  
*kinase* and *phosphatase* activity  
 IN Violin, Jonathan D.; Newton, Alexandra C.; Tsien, Roger Y.; Zhang, Jin  
 PA USA  
 SO U.S. Pat. Appl. Publ., 68 pp., Cont.-in-part of U.S. Ser. No. 865,291.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005026234	A1	20050203	US 2004-857622	20040528
	US 6803188	B1	20041012	US 1996-594575	19960131
	US 5981200	A	19991109	US 1997-792553	19970131
	US 2003186229	A1	20031002	US 2001-865291	20010524
	US 6900304	B2	20050531		
	WO 2005116267	A2	20051208	WO 2005-US18662	20050526
	WO 2005116267	A3	20061123		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				
	CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				
	GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,				
	LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,				
	NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,				
	SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,				
	ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,				
	AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,				
	EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT;				
	RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,				
	MR, NE, SN, TD, TG				
PRAI	US 1996-594575	A2	19960131		
	US 1997-792553	A1	19970131		
	US 1999-396003	B2	19990913		
	US 2001-865291	A2	20010524		
	US 2004-857622	A	20040528		

L11 ANSWER 27 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2005:58111 CAPLUS  
 DN 142:130361  
 TI Motion induced electrical field stimulation  
 IN Pfohl, Jeffrey L.; Bolton, Martha Mclean; Worley, Jennings Fanklin  
 PA Amphora Discovery Corporation, USA  
 SO U.S. Pat. Appl. Publ., 22 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005014288	A1	20050120	US 2003-620582	20030715
	WO 2005015210	A1	20050217	WO 2004-US18924	20040708
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,  
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,  
 SN, TD, TG

PRAI US 2003-620582 A 20030715

L11 ANSWER 28 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2005:16962 CAPLUS

DN 142:108388

TI Non-invasive prenatal genetic diagnosis on trans-cervical sample subjected  
 to fetal trophoblast-specific immunostaining followed by in situ  
 chromosomal and/or DNA-based analysis

IN Fejgin, Moshe D.; Amiel, Aliza

PA Monaliza Medical Ltd., Israel

SO U.S. Pat. Appl. Publ., 44 pp., Cont.-in-part of Appl. No. PCT/IL04/000304.  
 CODEN: USXXCO

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005003351	A1	20050106	US 2004-921899	20040820
	US 2004197832	A1	20041007	US 2003-405698	20030403
	WO 2004087863	A2	20041014	WO 2004-IL304	20040401
	WO 2004087863	A3	20041202		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2005181429	A1	20050818	US 2005-88882	20050325
	US 2006040305	A1	20060223	US 2005-206139	20050818
	WO 2006018849	A2	20060223	WO 2005-IL901	20050818
	WO 2006018849	A3	20060413		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRAI	US 2003-405698	B1	20030403		
	WO 2004-IL304	A2	20040401		
	US 2004-921899	A2	20040820		
	US 2005-88882	A2	20050325		

L11 ANSWER 29 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:936084 CAPLUS  
 DN 141:390795  
 TI Nucleic acid sensor molecules and methods of using same  
 IN Stanton, Martin; Epstein, David; Hamaguchi, Nobuko; Kurz, Markus; Keefe, Tony; Wilson, Charles; Grate, Dilara; Marshall, Kristin A.; McCauley, Thomas G.; Kurz, Jeffrey C.  
 PA USA  
 SO U.S. Pat. Appl. Publ., 286 pp., Cont.-in-part of U.S. Ser. No. 952,680.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004219523	A1	20041104	US 2002-215982	20020809
	US 7125660	B2	20061024		
	US 2003087239	A1	20030508	US 2001-952680	20010913
PRAI	US 2000-232454P	P	20000913		
	US 2001-311378P	P	20010809		
	US 2001-313932P	P	20010821		
	US 2001-952680	A2	20010913		
	US 2001-338186P	P	20011113		
	US 2002-349959P	P	20020118		
	US 2002-364486P	P	20020313		
	US 2002-367991P	P	20020325		
	US 2002-369887P	P	20020404		
	US 2002-376744P	P	20020501		
	US 2002-385097P	P	20020531		
	US 2002-391719P	P	20020626		

RE.CNT 297 THERE ARE 297 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 30 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2004:430935 CAPLUS  
 DN 141:18691  
 TI Genetically encoded fusion protein fluorescent reporters of *kinase*, methyltransferase, and acetyltransferase activities in cells and tissues  
 IN Ting, Alice Y.  
 PA Massachusetts Institute of Technology, USA  
 SO PCT Int. Appl., 96 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004044168	A2	20040527	WO 2003-US36059	20031112
	WO 2004044168	A8	20040722		
	WO 2004044168	A3	20041021		
	W: CA, JP				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	US 2004265906	A1	20041230	US 2003-634740	20030805
	US 7056683	B2	20060606		
PRAI	US 2002-425578P	P	20021112		
	US 2003-634740	A	20030805		

L11 ANSWER 31 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2004:333733 CAPLUS  
 DN 140:333534  
 TI Detection systems using a conformationally sensitive nucleic acid probe for signal transduction  
 IN Chun, Keun Ho; Hwang, Hyun Jin  
 PA Ahram Biosystems Inc., S. Korea

SO PCT Int. Appl., 286 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004033476	A1	20040422	WO 2003-KR2101	20031011
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003269522	A1	20040504	AU 2003-269522	20031011
	EP 1558626	A1	20050803	EP 2003-751517	20031011
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2006513701	T	20060427	JP 2004-542913	20031011
PRAI	US 2002-417864P	P	20021011		
	WO 2003-KR2101	W	20031011		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 32 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:1013104 CAPLUS

DN 140:73597

TI Compositions and methods for monitoring the phosphorylation of natural binding partners

IN Craig, Roger K.; Colyer, John

PA Cyclacel, Ltd., UK

SO U.S., 47 pp., Cont.-in-part of U.S. Ser. No. 258,981.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6670144	B1	20031230	US 2000-511204	20000223
	US 2002090643	A1	20020711	US 1999-258981	19990226
	US 6656696	B2	20031202		
	US 2003203407	A1	20031030	US 2003-382017	20030305
PRAI	US 1999-258981	A2	19990226		
	US 2000-511204	A3	20000223		

RE.CNT 87 THERE ARE 87 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 33 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:931385 CAPLUS

DN 140:14375

TI An assay for protein *kinase* and protein *phosphatase* employing phosphorylation-dependent proteolysis of a fluorescently-labeled reporter *peptide* and high throughput screening applications

IN Auld, Douglas

PA Pharmacopeia, Inc., USA

SO PCT Int. Appl., 45 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003097667	A1	20031127	WO 2003-US14988	20030514
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2005079568	A1	20050414	US 2002-146165	20020515
	US 6942987	B2	20050913		
	CA 2483688	A1	20031127	CA 2003-2483688	20030514
	AU 2003270037	A1	20031202	AU 2003-270037	20030514
	EP 1509542	A1	20050302	EP 2003-753023	20030514
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2006503552	T	20060202	JP 2004-506341	20030514
	US 2005191718	A1	20050901	US 2005-100068	20050406
	US 7202050	B2	20070410		
PRAI	US 2002-146165	A	20020515		
	WO 2003-US14988	W	20030514		
OS	MARPAT 140:14375				

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 34 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2003:777228 CAPLUS  
 DN 139:288165  
 TI Fluorogenic assay substrates for protein *kinases* that exhibit phosphorylation-dependent fluorescence resonant energy transfer  
 IN Tsien, Roger Y.; Ting, Alice Y.; Zhang, Jin  
 PA The Regents of The University of California, USA  
 SO U.S. Pat. Appl. Publ., 47 pp., Cont.-in-part of U.S. Ser. No. 396,003, abandoned.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003186229	A1	20031002	US 2001-865291	20010524
	US 6900304	B2	20050531		
	US 6803188	B1	20041012	US 1996-594575	19960131
	US 5981200	A	19991109	US 1997-792553	19970131
	CA 2447799	A1	20021128	CA 2002-2447799	20020524
	WO 2002095058	A2	20021128	WO 2002-US16955	20020524
	WO 2002095058	A9	20031113		
	WO 2002095058	A3	20040708		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002312149	A1	20021203	AU 2002-312149	20020524
	EP 1456372	A2	20040915	EP 2002-739505	20020524

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, FI, CY, TR

	JP 2005501525	T	20050120	JP 2002-592517	20020524
	US 2005026234	A1	20050203	US 2004-857622	20040528
PRAI	US 1996-594575	A2	19960131		
	US 1997-792553	A1	19970131		
	US 1999-396003	B2	19990913		
	US 2001-865291	A	20010524		
	WO 2002-US16955	W	20020524		

RE.CNT 66 THERE ARE 66 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 35 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:571013 CAPLUS

DN 139:143993

TI Conformation-specific protein *kinase*-binding *peptides*,  
and related methods and products

IN Ashraf, Syed Salman; Ballas, Lawrence Michael; Hamilton, Paul T.

PA Karo Bio AB, Swed.

SO PCT Int. Appl., 121 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003059943	A2	20030724	WO 2003-EP343	20030115
	WO 2003059943	A3	20040311		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003205605	A1	20030730	AU 2003-205605	20030115
PRAI	US 2002-349250P	P	20020118		
	WO 2003-EP343	W	20030115		
OS	MARPAT 139:143993				

L11 ANSWER 36 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:436852 CAPLUS

DN 139:51400

TI Spontaneous Clustering and Tyrosine Phosphorylation of NK Cell Inhibitory  
Receptor Induced by Ligand Binding

AU Faure, Mathias; Barber, Domingo F.; Takahashi, Stephenie M.; Jin, Tian;  
Long, Eric O.

CS National Institute of Allergy and Infectious Diseases, Laboratory of  
Immunogenetics, National Institutes of Health, Bethesda, MD, 20852, USA

SO Journal of Immunology (2003), 170(12), 6107-6114

CODEN: JOIMA3; ISSN: 0022-1767

PB American Association of Immunologists

DT Journal

LA English

RE.CNT 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD.  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 37 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:133562 CAPLUS

DN 138:183490

TI Biological assay detection method for reaction product inducers such as



enzymes using complex forming labeled modular domain and biotinylated ligand

IN Inglese, James; Ferrer, Marc; Hamilton, Aaron C.  
PA Merck & Co., Inc., USA  
SO PCT Int. Appl., 28 pp.  
CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003014698	A2	20030220	WO 2002-US24469	20020802
	WO 2003014698	A3	20040212		
	W: CA, JP, US				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR				
	CA 2456590	A1	20030220	CA 2002-2456590	20020802
	EP 1442296	A2	20040804	EP 2002-768394	20020802
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR, BG, CZ, EE, SK				
	JP 2005502334	T	20050127	JP 2003-519382	20020802
	US 2005164311	A1	20050728	US 2003-484859	20020802
PRAI	US 2001-310599P	P	20010807		
	WO 2002-US24469	W	20020802		
OS	MARPAT 138:183490				

L11 ANSWER 38 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:133482 CAPLUS

DN 138:182010

TI Nucleic acid sensor molecules comprising target modulation domains and catalytic domains with an optical signal generating unit

IN Stanton, Martin; Epstein, David; Hamaguchi, Nobuko; Kurz, Markus; Keefe, Tony; Wilson, Charles; Grate, Dilara; Marshall, Kristin A.; McCauley, Thomas; Kurz, Jeffrey

PA Archemix Corp., USA

SO PCT Int. Appl., 424 pp.

CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003014375	A2	20030220	WO 2002-US25319	20020809
	WO 2003014375	A3	20031016		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003087239	A1	20030508	US 2001-952680	20010913
	AU 2002355571	A1	20030224	AU 2002-355571	20020809
PRAI	US 2001-311378P	P	20010809		
	US 2001-313932P	P	20010821		
	US 2001-952680	A2	20010913		
	US 2001-338186P	P	20011113		
	US 2002-349959P	P	20020118		
	US 2002-364486P	P	20020313		
	US 2002-367991P	P	20020325		
	US 2002-369887P	P	20020404		

US 2002-376744P	P	20020501
US 2002-385097P	P	20020531
US 2000-232454P	P	20000913
WO 2002-US25319	W	20020809

L11 ANSWER 39 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:978582 CAPLUS  
 DN 138:68915  
 TI Assay for protein-modifying enzymes using tagged binding partner  
 polypeptides and applications to drug screening  
 IN Craig, Roger  
 PA UK  
 SO U.S. Pat. Appl. Publ., 44 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002197606	A1	20021226	US 2001-770102	20010125
	US 7060506	B2	20060613		
PRAI	US 2000-179283P	P	20000131		
RE.CNT	25	THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L11 ANSWER 40 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:944541 CAPLUS  
 DN 138:21729  
 TI Synthetic sensor *peptide* for *kinase* or  
*phosphatase* assays  
 IN Bastiaens, Philippe Igor  
 PA Europaeisches Laboratorium Fuer Molekularbiologie (Embl), Germany  
 SO Eur. Pat. Appl., 12 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1264897	A2	20021211	EP 2001-115483	20010627
	EP 1264897	A3	20031112		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO	2002102834	A2	20021227	WO 2002-EP6224	20020606
WO	2002102834	A3	20031120		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU	2002328808	A1	20030102	AU 2002-328808	20020606
EP	1392851	A2	20040303	EP 2002-764580	20020606
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	EP 2001-113815	A	20010606		
	EP 2001-115483	A	20010627		
	WO 2002-EP6224	W	20020606		

L11 ANSWER 41 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2002:903036 CAPLUS  
 DN 138:362059  
 TI A FRET-based assay platform for ultra-high density drug  
 screening of protein *kinases* and *phosphatases*  
 AU Rodems, Steven M.; Hamman, Brian D.; Lin, Christina; Zhao, Jane; Shah,  
 Sundeep; Heidary, David; Makings, Lew; Stack, Jeffrey H.; Pollok, Brian A.  
 CS Aurora Biosciences Corp., San Diego, CA, USA  
 SO Assay and Drug Development Technologies (2002), 1(1-1), 9-19  
 CODEN: ADDTAR; ISSN: 1540-658X  
 PB Mary Ann Liebert, Inc.  
 DT Journal  
 LA English  
 RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 42 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:522511 CAPLUS  
 DN 137:75532  
 TI Compositions and methods for monitoring the phosphorylation of natural  
 binding partners  
 IN Craig, Roger K.; Coyler, John  
 PA Cyclacel, UK  
 SO U.S. Pat. Appl. Publ., 28 pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002090643	A1	20020711	US 1999-258981	19990226
	US 6656696	B2	20031202		
	US 6670144	B1	20031230	US 2000-511204	20000223
	US 2003203407	A1	20031030	US 2003-382017	20030305
PRAI	US 1999-258981	A2	19990226		
	US 2000-511204	A3	20000223		

L11 ANSWER 43 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:428872 CAPLUS  
 DN 137:2705  
 TI Microcapillary arrays for high-throughput screening and separation of  
 differently charged molecules using an electric field  
 IN Willoughby, David; Seshia, Ashwin; Swanson, Paul; Havens, John R.  
 PA Nanogen, Inc., USA  
 SO PCT Int. Appl., 46 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002044143	A2	20020606	WO 2001-US44297	20011126
	WO 2002044143	A3	20030904		
	WO 2002044143	A9	20031106		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU	20226981	A5	20020611	AU 2002-26981	20011126

PRAI US 2000-724824 A 20001128  
WO 2001-US44297 W 20011126

L11 ANSWER 44 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2002:142913 CAPLUS

DN 136:196180

TI Detecting enzyme activity in an immunoassay using protein or  
**peptide** substrate

IN Kraemer, Joachim; Mander, Thomas; Peiker, Christine; Henco, Karsten

PA Evotec Biosystems AG, Germany; Evotec OAI AG

SO PCT Int. Appl., 61 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002014543	A2	20020221	WO 2001-EP9354	20010813
	WO 2002014543	A3	20030320		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP	1182263	A1	20020227	EP 2000-117457	20000811
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
EP	1199370	A1	20020424	EP 2000-122707	20001018
EP	1199370	B1	20040421		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
AT	264921	T	20040515	AT 2000-122707	20001018
EP	1217078	A1	20020626	EP 2000-128176	20001221
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
AU	200193768	A	20020225	AU 2001-93768	20010813
EP	1313876	A2	20030528	EP 2001-974181	20010813
EP	1313876	B1	20070103		
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
AT	350485	T	20070115	AT 2001-974181	20010813
US	2003235873	A1	20031225	US 2003-344509	20030708
PRAI	EP 2000-117457	A	20000811		
	EP 2000-118431	A	20000824		
	EP 2000-122707	A	20001018		
	EP 2000-128176	A	20001221		
	WO 2001-EP9354	W	20010813		

L11 ANSWER 45 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2002:9393 CAPLUS

DN 136:382027

TI Genetically encoded fluorescent reporters of protein tyrosine  
**kinase** activities in living cells

AU Ting, Alice Y.; Kain, Kristin H.; Klemke, Richard L.; Tsien, Roger Y.

CS Department of Pharmacology, University of California at San Diego, La Jolla, CA, 92093, USA

SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(26), 15003-15008

CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal  
 LA English  
 RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 46 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:9392 CAPLUS  
 DN 136:382026  
 TI Genetically encoded reporters of protein *kinase* A activity  
 reveal impact of substrate tethering  
 AU Zhang, Jin; Ma, Yuliang; Taylor, Susan S.; Tsien, Roger Y.  
 CS Department of Pharmacology, University of California at San Diego, La  
 Jolla, CA, 92093, USA  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America (2001), 98(26), 14997-15002  
 CODEN: PNASA6; ISSN: 0027-8424  
 PB National Academy of Sciences  
 DT Journal  
 LA English  
 RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 47 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2001:924029 CAPLUS  
 DN 136:50266  
 TI Method for cyclic nucleotide-dependent protein *kinases* and VASP  
*phosphatases* determination using *FRET* and for disease  
 diagnosis  
 IN Drueckes, Peter; Jarchau, Thomas; Walter, Ulrich; Bader, Benjamin  
 PA Vasopharm Biotech G.m.b.H., Germany  
 SO PCT Int. Appl., 32 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA German  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001096594	A2	20011220	WO 2001-EP6621	20010612
WO 2001096594	A3	20020516		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
DE 10029210	A1	20020131	DE 2000-10029210	20000614
EP 1294926	A2	20030326	EP 2001-938257	20010612
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
US 2003166005	A1	20030904	US 2003-311093	20030401
PRAI DE 2000-10029210	A	20000614		
WO 2001-EP6621	W	20010612		

L11 ANSWER 48 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2000:609013 CAPLUS  
 DN 133:205085  
 TI High throughput assay for protein modification  
 IN Colyer, John; Craig, Roger Kingdon; Maschio, Antonio; Mezna, Mokdad  
 PA Fluorescence Limited, UK  
 SO PCT Int. Appl., 128 pp.  
 CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000050902	A2	20000831	WO 2000-GB669	20000225
	WO 2000050902	A3	20001214		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 2003032054	A1	20030213	US 1999-259658	19990226
	US 7166475	B2	20070123		
	EP 1163526	A2	20011219	EP 2000-906474	20000225
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	GB 1999-4398	A	19990225		
	WO 2000-GB669	W	20000225		

L11 ANSWER 49 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2000:608937 CAPLUS

DN 133:204737

TI Compositions and methods for monitoring the modification of natural binding partners and enzyme activity

IN Colyer, John; Craig, Roger Kingdon

PA Fluorescence Limited, UK

SO PCT Int. Appl., 128 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000050631	A2	20000831	WO 2000-GB666	20000225
	WO 2000050631	A3	20001207		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6465199	B1	20021015	US 1999-259478	19990226
	US 2003082827	A1	20030501	US 2000-511776	20000224
	US 6972198	B2	20051206		
	CA 2365042	A1	20000831	CA 2000-2365042	20000225
	EP 1163363	A2	20011219	EP 2000-906471	20000225
	EP 1163363	B1	20060719		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY				
	JP 2002538088	T	20021112	JP 2000-601194	20000225
	AT 333513	T	20060815	AT 2000-906471	20000225
PRAI	GB 1999-4392	A	19990225		
	GB 1999-4393	A	19990225		
	US 1999-258452	A2	19990226		
	WO 2000-GB666	W	20000225		

L11 ANSWER 50 OF 58 CAPLUS COPYRIGHT 2007 ACS on STN

AN 1999:388323 CAPLUS

DN 131:16101  
TI Fluorescence-based high throughput screening immunoassays for protein  
*kinases and phosphatases*  
IN Epps, Dennis E.; Marschke, Charles K.  
PA Pharmacia & Upjohn Company, USA  
SO PCT Int. Appl., 58 pp.

CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9929894	A1	19990617	WO 1998-US25196	19981202
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2306686	A1	19990617	CA 1998-2306686	19981202
	AU 9917034	A	19990628	AU 1999-17034	19981202
	AU 738194	B2	20010913		
	EP 1036192	A1	20000920	EP 1998-961797	19981202
	EP 1036192	B1	20030226		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
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CS ASSIGNEE: Archemix Corp.  
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FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, TOXCENTER' ENTERED AT 13:13:20 ON  
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L2	0 S L1 AND ((FLUORESCCEIN AND TETRAMETHYLRHODAMINE) OR (EDANS AND
L3	2810 S ((FLUORESCCEIN AND TETRAMETHYLRHODAMINE) OR (EDANS AND DABCYL)
L4	0 S L1 AND (FLUORESCCEIN AND TETRAMETHYLRHODAMINE)
L5	4 S L1 AND POLYPEPTIDE
L6	5 S L1 AND PEPTIDE(W) SUBSTRATE
L7	24 S L1 AND PEPTIDE
L8	220 S ((FLUORESCENCE(W) RESONANCE(W) ENERGY(W) TRANSFER) OR FRET) AND
L9	15 S L8 AND POLYPEPTIDE
L10	14 S L8 AND PEPTIDE(W) SUBSTRATE
L11	58 S L8 AND PEPTIDE
L12	2 S L3 AND L11